

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-13. (canceled)

14. (previously presented) A magnetic recording medium comprising:
a substrate; and
a laminated layer formed on the substrate,
the laminated layer comprising a first seed layer, a second seed layer, a first underlayer, a second underlayer, and a magnetic layer,
wherein the second seed layer comprises Cr or a Cr alloy containing Cr and at least one element selected from the group consisting of: Ti, Mo, and W,
the first underlayer comprising at least one of Co or Ni,
the first underlayer further comprising one of Al, Ti, or Al and Ti,
wherein the first seed layer comprises at least 35 at.% to 65 at.% of Ti and at least 35 at.% to 65 at.% of Al.

15. (previously presented) A magnetic recording medium comprising:
a substrate; and
a laminated layer formed on the substrate,
the laminated layer comprising a first seed layer, a second seed layer, a first underlayer, a second underlayer, and a magnetic layer,
wherein the second seed layer comprises Cr or a Cr alloy containing Cr and at least one element selected from the group consisting of: Mo and W,
the first underlayer comprising at least one of Co or Ni,
the first underlayer further comprising one of Al, Ti, or Al and Ti,
wherein the first seed layer comprises at least Cr and one of Ti, Ta, or Ti and Ta.

16. (previously presented) The magnetic recording medium according to claim 14, wherein a thickness of the second seed layer is in the range of 0.3 to 7.5 nm.

17-18. (canceled)

19. (previously presented) The magnetic recording medium according to claim 16, wherein a thickness of the second seed layer is in the range of 0.3 to 2.5 nm.

20-29. (canceled)

30. (previously presented) The magnetic recording medium according to claim 15, wherein the first seed layer comprises at least 35 at.% to 70 at.% of Cr.

31. (previously presented) The magnetic recording medium according to claim 15, wherein a thickness of the second seed layer is in the range of 0.3 to 7.5 nm.

32. (previously presented) The magnetic recording medium according to claim 31, wherein a thickness of the second seed layer is in the range of 0.3 to 2.5 nm.

33. (previously presented) The magnetic recording medium according to claim 15, wherein the first seed layer is formed on the substrate.

34. (previously presented) The magnetic recording medium according to claim 33, wherein the first seed layer is formed adjacent to the substrate.

35. (previously presented) A magnetic recording medium comprising:
a substrate; and
a laminated layer formed on the substrates, the laminated layer comprising a first seed layer, a second seed layer, a first underlayer, a second underlayer, and a magnetic layer;

wherein the first seed layer is provided between the substrate and the second seed layer;

wherein the second seed layer is provided between the first seed layer and the first underlayer;

wherein the first underlayer is provided between the second seed layer and the second underlayer;

wherein the second underlayer is provided between the first underlayer and the magnetic layer;

wherein the first seed layer comprises at least Cr and one of Ti, Ta, or Ti and Ta;

wherein the second seed layer comprises Cr or a Cr alloy containing Cr and Ti;

wherein the first underlayer comprises at least one of Co or Ni and comprises one of Al, Ti, or Al and Ti; and

wherein the first and second seed layers have different Cr contents.

36. (currently amended) The magnetic recording medium according to claim 35, wherein the first seed layer comprises [[at least]] 35 at.% to 70 at.% of Cr.

37. (previously presented) A magnetic recording medium comprising:
a substrate; and
a laminated layer formed on the substrate,
the laminated layer comprising a first seed layer, a second seed layer, a first underlayer, a second underlayer, and a magnetic layer,

wherein the second seed layer comprises Cr or a Cr alloy containing Cr and at least one element selected from the group consisting of: Ti, Mo, and W,

the first underlayer comprising at least one of Co or Ni,

the first underlayer further comprising one of Al, Ti, or Al and Ti,

wherein the first seed layer comprises at least Cr and one of Ti, Ta, or Ti and Ta,

wherein a thickness of the second seed layer is in the range of 0.3 to 7.5 nm.

38. (previously presented) The magnetic recording medium according to claim 37, wherein a thickness of the second seed layer is in the range of 0.3 to 2.5 nm.